

PENDING CLAIMS

1. (Previously Amended) A seat weight measuring apparatus, applied to a seat that is mounted to a vehicle body, for measuring the weight of a passenger sitting on the seat, comprising: at least one load sensor, installed at a location at which the seat is mounted to the vehicle body, for measuring a part of a load applied to the seat; wherein the seat is mounted to the vehicle body by a mounting structure that permits movement of the seat in response to the load applied to the seat so that a part of the load applied to the seat is not measured by any load sensor.

2. CANCELLED

3. (Previously Amended) A seat weight measuring apparatus, applied to a seat that is mounted to a vehicle body, for measuring the weight of a passenger sitting on the seat, comprising:

at least one load sensor, installed at one of left and right sides of a seat frame, for measuring a part of a load applied to the seat,

a restraining mechanism, connected to said seat frame, for limiting a force applied to said at least one load sensor, and

wherein the seat frame is mounted to the vehicle body by a mounting structure that permits movement of the other of said left and right sides of said seat frame relative to the vehicle body in response to the load applied to the seat so that a part of the load applied to the seat is not measured by any load sensor.

4. CANCELLED

5. (Previously Added) A seat weight measuring apparatus as in claim 1, wherein the seat weight measuring apparatus comprises exactly one load sensor.

6. (Previously Added) A seat weight measuring apparatus as in claim 3, wherein the seat weight measuring apparatus comprises exactly one load sensor.

7. (Previously Amended) A seat weight measuring apparatus for measuring the weight of a passenger in a vehicle having a body, comprising:

a seat having four sides;
at least one load sensor, installed at one of said sides, for measuring a part of a load applied to the seat, and

wherein the seat is mounted to the vehicle body by a mounting structure that permits movement of an opposing one of the sides of the seat in response to the load applied to the seat so that a part of the load applied to the seat is not measured by any load sensor.

8. (Previously Added) A seat weight measuring apparatus as in claim 7, wherein said one of said sides is one of a left side and a right side and said opposing one of said sides is the other of the left side and the right side.

9. (Previously Added) A seat weight measuring apparatus as in claim 7, wherein said one of said sides is one of a front side and a back side and said opposing one of said sides is the other of the front side and the back side.

10. (Previously Added) A seat weight measuring apparatus as in claim 7, wherein the seat weight measuring apparatus comprises exactly one load sensor.

11. (Previously Added) A seat weight measuring apparatus as in claim 7, wherein the seat weight measuring apparatus comprises exactly two load sensors installed at said one of said sides.

12. CANCELLED

13. CANCELLED

14. (Previously Added) The seat weight measuring apparatus of claim 1, wherein the mounting structure includes a seat rail that is pivotally connected to the vehicle body.

15. (Previously Added) The seat weight measuring apparatus of claim 14, wherein the mounting structure further comprises a second seat rail pivotally connected to the vehicle body.

16. (Previously Added) The seat weight measuring apparatus of claim 1, wherein the seat is positioned in seat rails that permit movement of the seat relative to the seat rails.

17. (Previously Added) The seat weight measuring apparatus of claim 16, wherein the seat is resiliently connected to the seat rails.